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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known	
		Application Number	Continuation of 09/694,836
		Filing Date	June 25, 2003
		First Named Inventor	Jeffrey A. Hubbell
		Group Art Unit	
Examiner Name			
Sheet 1 of 20	Attorney Docket Number	UTSB 493 CIP CON (5)	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
an		3,960,150		Hussain, et al.	08-01-1976
		3,981,303		Higuchi, et al.	09-21-1976
		3,986,510		Higuchi, et al.	10-19-1976
		3,993,071		Higuchi, et al.	11-23-1976
		4,076,800		Marsh, et al.	02-28-1978
		4,193,845		Kaetsu, et al.	03-18-1980
		4,194,066		Kaetsu, et al.	03-18-1980
		4,195,129		Fukui, et al.	03-25-1980
		4,226,938		Yoshida, et al.	10-07-1980
		4,272,617		Kaetsu, et al.	06-09-1981
		4,283,325		Berthet, et al.	08-11-1981
		4,295,762		Slovinsky	10-20-1981
		4,298,002		Ronel, et al.	11-03-1981
		4,321,117		Kaetsu, et al.	03-23-1982
an		4,329,332		Courvreur, et al.	03-11-1982

FOREIGN PATENT DOCUMENTS							
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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
an		PCT	WO 91/10425		Brown University Research Foundation	07-25-1991	
an		PCT	WO 93/09176		Clover Consolidated, Limited	05-13-1993	
an		PCT	WO 93/17669		Board of Regents, The University of Texas System	09-16-1993	
an		PCT	WO 93/21266		Clover Consolidated, Limited	10-28-1993	
an		EP	0 195 304		The Dow Chemical Company	09-24-1986	
an		JP	1-324743		General Director National Circulatory Disease Hospital	08-12-1991	

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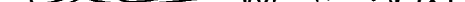
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[Signature]		4,652,443		Yoshida, et al.	03-24-1987	
		4,683,286		Tsang, et al.	05-05-1987	
		4,689,293		Goosen, et al.	08-25-1987	
		4,744,933		Rha, et al.	05-17-1988	
		4,745,160		Churchill, et al.	05-17-1988	
		4,749,620		Rha, et al.	06-07-1988	
		4,774,178		Egerer, et al.	09-27-1988	
		4,791,061		Sumino, et al.	12-13-1988	
		4,804,691		English, et al.	02-14-1989	
		4,806,355		Goosen, et al.	02-21-1989	
		4,822,535		Ekman, et al.	04-18-1989	
		4,826,945		Cohn, et al.	05-02-1989	
		4,888,413		Domb	12-19-1989	
		4,889,722		Sheffield, et al.	12-26-1989	
	[Signature]		4,913,903		Sudmann, et al.	04-03-1990

[illegible]

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[Signature]		4,916,193		Tang, et al.	04-10-1990	
		4,925,677		Feljen	05-15-1990	
		4,931,279		Bawa, et al.	06-05-1990	
		4,938,763		Dunn, et al.	07-03-1990	
		4,942,035		Churchill, et al.	07-17-1990	
		4,950,596		Cheng, et al.	08-21-1990	
		4,957,744		della Valle, et al.	09-18-1990	
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		5,149,418		Osterhoudt, et al.	09-22-1992	
		5,153,002		McMullen	10-06-1992	
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		5,183,690		Carr, et al.	02-02-1993	
		5,185,408		Tang, et al.	02-09-1993	
		5,219,564		Zalipsky, et al.	06-15-1993	
		5,268,182		Brinker, et al.	12-07-1993	

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		5,271,961		Mathlowitz, et al.	12-21-1993	
		5,278,201		Dunn, et al.	01-11-1994	
		5,278,202		Dunn, et al.	01-11-1994	
		5,286,495		Batich, et al.	02-15-1994	
		5,288,500		Ibsen	02-22-1994	
		5,334,640		Desai, et al.	08-02-1994	
		5,410,016		Hubbell, et al.	04-25-1995	
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Sheet 6 of 20	Attorney Docket Number	UTSB 493 CIP CON (5)	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
aw		ALTMAN, et al., "Long-term plasma glucose normalization in experimental diabetic rats with microencapsulated implants of benign human insulinomas," <i>Diabetes</i> 35:625-33 (1986).	
		AMUDESWARE, et al., "Short-term biocompatibility studies of hydrogel-grafted collagen copolymers," <i>J. Biomed. Materials Res.</i> 20:1103-09 (1986).	
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ah		CROOKS, et al., "Microencapsulation of mammalian cells in a HEMA-MMA copolymer: effects on capsule morphology and permeability," <i>J. of Biomedical Materials Res.</i> 24:1241-62 (1990).	

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aw		DARQUY, et al., "Immunisolation of pancreatic cells by microencapsulation - an <i>in vitro</i> study," <i>Diabetologia</i> 28:776-80 (1985).	
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an		DUPUY, et al., "In Situ Polymerization of a Microencapsulating Medium Round Living Cells," <i>J. of Biomedical Materials Res.</i> 22:1061-70 (1988).	
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an		FUKUI, et al., "Entrapment of biocatalysts with photo-cross-linkable resin prepolymers and urethane resin prepolymers," <i>Methods in Enzymology</i> 135:230-53 (1987).	

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gm		FUKUI, et al., "Several novel methods for immobilization of enzymes microbial cells and organelles," <i>Biochimie</i> 62:381-86 (1980).	
		FUKUZAI, et al., "A new biodegradable copolymer of glycolic acid and lactones with relatively low molecular weight prepared by direct copolycondensation in the absence of catalysts," <i>J. of Biomedical Materials Research</i> 25:315-28 (1991).	
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gm		GOMBOTZ, et al., "Immobilization of poly(ethylene oxide) on poly(ethylene terephthalate) using a plasma polymerization process," <i>J. of Applied Polymer Science</i> 37:91-107 (1989).	

Examiner's Signature		Date Considered	1/23/06
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Substitute for form 1449A/PTO				Complete If Known Application Number: Continuation of 09/694,836	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	June 25, 2003
				First Named Inventor	Jeffrey A. Hubbell
				Group Art Unit	
				Examiner Name	
Sheet	10	of	20	Attorney Docket Number	UTSB 493 CIP CON (5)

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		GOOSEN, et al., "Optimization of microencapsulation parameters: Semipermeable microcapsules as a bioartificial pancreas," <i>Biotechnology and Bioengineering</i> 27:146-50 (1985).	
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		Filing Date	June 25, 2003
		First Named Inventor	Jeffrey A. Hubbell
		Group Art Unit	
		Examiner Name	
Sheet 11 of 20	Attorney Docket Number	UTSB 493 CIP CON (5)	

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
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am		HUFFMAN, et al., "Effect of carboxyl end groups on hydrolysis of polyglycolic acid," <i>J. Polymer Science, Polymer Chemistry Edition</i> 23:1939-1951 (1985).	
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		Filing Date	June 25, 2003
		First Named Inventor	Jeffrey A. Hubbell
		Group Art Unit	
		Examiner Name	
Sheet 12 of 20	Attorney Docket Number	UTSB 493 CIP CON (5)	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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on		KENLEY, et al., "Poly(lactide-co-glycolide) decomposition kinetics <i>in vivo</i> and <i>in vitro</i> ," <i>Macromolecules</i> 20:2398-2403 (1987).	
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	6/25/06

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		Applicati n Number	C ntinuation of 09/694,836		
		Filing Date	June 25, 2003		
		First Named Inventor	Jeffrey A. Hubbell		
		Group Art Unit			
		Examiner Name			
Sheet	13	of	20	Attorney Docket Number	UTSB 493 CIP CON (5)

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
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aw		LAMBERTI, et al., "Microencapsulation of mammalian cells in polyacrylates," <i>Applied Biochemistry and Biotechnology</i> 10:101-05 (1984).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Continuation of 09/694,836
		Filing Date	June 25, 2003
		First Named Inventor	Jeffrey A. Hubbell
		Group Art Unit	
		Examiner Name	
Sheet 14 of 20	Attorney Docket Number	UTSB 493 CIP CON (5)	

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T‡
am		McMAHON, et al., "Feasibility of cellular microencapsulation technology for evaluation of anti-human immunodeficiency virus drug <i>in vivo</i> ," <i>J. Nat. Cancer Inst.</i> 82(22):1761-65 (1990).	
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	1/23/06

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Continuation 109/694,836
		Filing Date	June 25, 2003
		First Named Inventor	Jeffrey A. Hubbell
		Group Art Unit	
		Examiner Name	
Sheet 15 of 20	Attorney Docket Number	UTSB 493 CIP CON (5)	

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om		NOJIRI, et al., "In Vivo protein adsorption onto polymers: A transmission electron microscopic study," <i>Trans. Am. Soc. Artif. Intern. Organs</i> 35:357-61 (1989).	
		O'SHEA, et al., "Encapsulation of rat Islets of Langerhans prolongs xenograft survival in diabetic mice," <i>Diabetes</i> 35:943-46 (1986).	
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		Application Number	Continuation 1 09/694,836
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Sheet 16 of 20	Attorney Docket Number	UTSB 493 CIP CON (5)	

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du		PITT, et al., "Aliphatic polyesters. I. The degradation of Poly(-caprolactone) <i>in vivo</i> ," <i>J. Applied Polymer Science</i> 26:3779-87 (1981).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Continuation of 09/694,836
		Filing Date	June 25, 2003
		First Named Inventor	Jeffrey A. Hubbell
		Group Art Unit	
		Examiner Name	
Sheet 17 of 20	Attorney Docket Number	UTSB 493 CIP CON (5)	

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an		SAWHNEY, et al., "Poly(ethylene oxide)-graft-poly(L-lysine) copolymers to enhance the biocompatibility of poly(L-lysine)-alginate microcapsule membranes," <i>Biomaterials</i> 13(12):863-870 (1992).	
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		STEVENSON, et al., "Microencapsulation of mammalian cells in a hydroxyethyl methacrylate-methyl methacrylate copolymer: Preliminary development," <i>Biomater. Art. Cells</i> 16:747-69 (1988).	
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am		URMAN, et al., "Effect of hyaluronic acid on postoperative intraperitoneal adhesion formation and reformation in the rat model," <i>Fertility and Sterility</i> 56(3):563-67 (1991).	
		VAN NEERBOS, "Parameters in UV curable materials which influence cure speed," <i>J. Oil Col. Chem. Assoc.</i> 61(1):241-50 (1978).	
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am		ZHU, et al., "Preparation characterization and properties of polylactide (PLA)- Poly(ethylene Glycol) (PEG) copolymers: A potential drug carrier," <i>J. Applied Sci.</i> 39:1-9 (1990).	

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		ZHU, et al., "Super microcapsules" (SMC), I. Preparation and Characterization of Star Polyethylene Oxide (PEO)-Polylactide (PLA) Copolymers," J. Polymer Sci.: Part A: Polymer Chemistry 27:2151-59 (1989).	

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